

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shunichi SATO

Reissue Application No.: 10/603,418

Date Filed: June 24, 2003

Patent No.: 5,904,549

Issued: May 18, 1999

For: RESIN EJECTION NOZZLE, RESIN ENCAPSULATION METHOD, AND ELECTRONIC PART ASSEMBLY

Processing Division's Customer Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:


It is respectfully requested that the official Filing Receipt be amended to read that the name of the inventor is Shunichi Sato.

Attached hereto as **Exhibit A** is a copy of the official Filing Receipt dated June 28, 2004 issued by the Patent Office in connection with this application. The June 28, 2004 Filing Receipt erroneously indicates the name of the inventor as Sunichi Sato.

Attached hereto as **Exhibits B and C** are a copy of (i) the cover page of U.S. Patent No. 5,904,549, and (ii) the Reissue Application Declaration By The Inventor filed on October 26, 2009. **Exhibits B and C** correctly indicate the name of the inventor as Shunichi Sato.

Applicant hereby requests the Patent Office to issue a corrected filing receipt to correct the aforementioned Patent Office mistake.

Respectfully submitted,



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This correspondence is being filed electronically with the U.S. Patent and Trademark Office via EFS-Web.	
	July 19, 2010
Paul Teng Reg. No. 40,837	Date

Exhibit A

Application 10/603,418

Request for Corrected Filing Receipt



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 107
Alexandria, Virginia 22313-1070
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APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/803,418	06/24/2003	2813	1980	2271/53467-A1	7	38	17

CONFIRMATION NO. 9699

UPDATED FILING RECEIPT



0000000013086989

23432
COOPER & DUNHAM, LLP
1185 AVENUE OF THE AMERICAS
NEW YORK, NY 10036

Date Mailed: 06/28/2004

Receipt is acknowledged of this reissue Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Sunichi Sato, Miyagi-ken, JAPAN;

Domestic Priority data as claimed by applicant

This application is a CON of 09/860,369 05/17/2001
which is a REI of 08/834,959 04/07/1997 PAT 5,904,549

Foreign Applications

JAPAN 09114177 04/11/1996

If Required, Foreign Filing License Granted: 02/25/2004

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Methods for growing semiconductors and devices thereof from the alloy semiconductor gainnas

Preliminary Class

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Exhibit B

Application 10/603,418

Request for Corrected Filing Receipt

United States Patent [19][11] **Patent Number:** **5,904,549****Sato**[45] **Date of Patent:** **May 18, 1999**

[54] **METHODS FOR GROWING
SEMICONDUCTORS AND DEVICES
THEREOF FROM THE ALLOY
SEMICONDUCTOR GAINNAS**

[75] **Inventor:** **Shunichi Sato, Miyagi-ken, Japan**

[73] **Assignee:** **Ricoh Company, Ltd., Tokyo, Japan**

[21] **Appl. No.:** **08/834,959**

[22] **Filed:** **Apr. 7, 1997**

[30] **Foreign Application Priority Data**

Apr. 11, 1996 [JP] Japan 8-114177

[51] **Int. Cl.⁶** **H01L 21/30**

[52] **U.S. Cl.** **438/478; 438/46**

[58] **Field of Search** **438/478, 45, 46,
438/47**

[56] **References Cited
PUBLICATIONS**

M. Kondow et al., "GaInNAs: a novel material for long-wavelength semiconductor lasers", IEEE Journal of Selected Topics in Quantum Electronics, vol. 3, No. 3, pp. 719-730, Jun. 1997.

Primary Examiner—Chandra Chaudhari
Assistant Examiner—Keith Christianson
Attorney, Agent, or Firm—Cooper & Dunham LLP

[57] **ABSTRACT**

A method is disclosed for growing a nitrogen-containing III-V alloy semiconductor on a semiconductor substrate such as GaAs, which is formed by MOCVD method using nitrogen containing organic compounds having relatively low dissociation temperatures. The alloy semiconductor has a high nitrogen content which exceeds the contents previously achieved, and has a high photoluminescence intensity.

There are also disclosed fabrications of semiconductor devices comprising the alloy semiconductors, such as heterostructure and homo-junction light emitting devices.

21 Claims, 7 Drawing Sheets

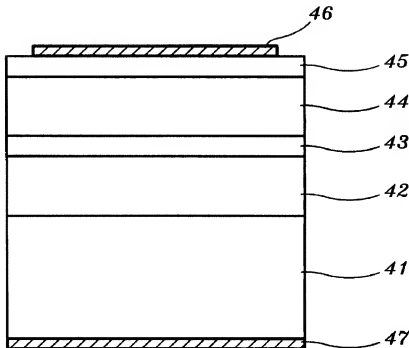


Exhibit C

Application 10/603,418

Request for Corrected Filing Receipt

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

2271/53467-A1

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.
I believe the inventors named below to be the original and first inventors of the subject matter which is described and claimed in patent number 6,944,145 granted May 18, 1999 and for which a reissue patent is sought on the invention entitled Methods for growing semiconductor and devices thereof From The Alloy Semiconductor GainAs

the specification of which

☐ is attached hereto.

☒ was filed on June 24, 2003 as reissue application number 10/603,418
and was amended on _____
(If applicable)

I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☒ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 305(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I very believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The patent claims do not recite that the nitrogen containing organic compound is selected from a group that includes monomethylhydrazine.

[Page 1 of 3] (K-1)

This collection of information is required by 37 CFR 1.178. This information is required to obtain a search by the public under the law (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete including reviewing, preparing, and submitting the completed application form to the USPTO. There will vary depending upon the individual case. Any comments on this collection of information should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing this form, call 1-800-PTO-0199 and select option 2

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

2271/53467-A1

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant

Note: To appoint a power of attorney, use form PTO/SB/01.

Correspondence Address: Direct all communications about the application to:

☒ The address associated with Customer Number: 23432

OR

☐ Firm or Individual Name COOPER & DUNHAM LLP

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WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicants should consider reducing such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Shunichi SATO

Inventor's signature

Shunichi SATO

Date

October 9, 2009

Residence MIYAGI-KEN, JAPAN

Citizenship JAPAN

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Full name of second joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Mailing Address

☐ Additional joint inventors or legal representatives(s) are named on separate numbered sheets forms PTO/SB/01A or EOLR attached hereto.

